

Lukas Vaut

List of Publications by Year in descending order

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9
papers

165
citations

1307594

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h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Printing of Reservoir Devices for Oral Drug Delivery: From Concept to Functionality through Design Improvement for Enhanced Mucoadhesion. ACS Biomaterials Science and Engineering, 2020, 6, 2478-2486.	5.2	38
2	Customized fast-separable microneedles prepared with the aid of 3D printing for nanoparticle delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 154, 166-174.	4.3	33
3	Biodegradable microcontainers "towards real life applications of microfabricated systems for oral drug delivery. Lab on A Chip, 2019, 19, 2905-2914.	6.0	28
4	Polymeric Lids for Microcontainers for Oral Protein Delivery. Macromolecular Bioscience, 2019, 19, e1900004.	4.1	17
5	Micro and nanoscale 3D printing using optical pickup unit from a gaming console. Communications Physics, 2021, 4, .	5.3	16
6	Fully replicable and automated retention measurement setup for characterization of bio-adhesion. HardwareX, 2019, 6, e00071.	2.2	10
7	Development and characterization of a PDMS-based masking method for microfabricated Oral drug delivery devices. Biomedical Microdevices, 2020, 22, 35.	2.8	10
8	Sacrificial Polymer Substrates in Photopolymerization-Based Micro 3D Printing for Fabrication and Release of Complex Micro Components. Advanced Materials Technologies, 2019, 4, 1900378.	5.8	7
9	Additive Manufacturing of Microreservoir Devices for Oral Drug Delivery Using an Acculas BA-30 Micro-Stereolithography Instrument: A Feasibility Study. Journal of the Electrochemical Society, 2019, 166, B3257-B3263.	2.9	6